AUTODOC CLUB

How to change engine oil and filter on **OPEL Astra G Van (F70)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
OPEL Astra G Van (F70) 2.0 DI (F70), OPEL Astra G Van (F70) 2.0 DTI (F70)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: OPEL Zafira A (T98) 2.0 DI 16V (F75)

REPLACEMENT: ENGINE OIL AND FILTER – OPEL ASTRA G VAN (F70). TOOLS YOU'LL NEED:

- Wire brush
- All-purpose cleaning spray
- Drive socket # 36
- Torx bit T45
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Fender cover

Buy tools

Replacement: engine oil and filter – OPEL Astra G Van (F70). AUTODOC experts recommend:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.

REPLACEMENT: ENGINE OIL AND FILTER – OPEL ASTRA G VAN (F70). RECOMMENDED SEQUENCE OF STEPS:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

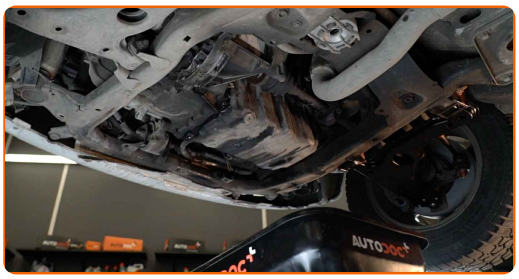
3 Unscrew the oil filler plug.

4 Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – OPEL Astra G Van (F70). Tip:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.
- All work should be done with the engine stopped.

5 Put a waste oil container with at least 6 l capacity under the drainage hole.



6 Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.

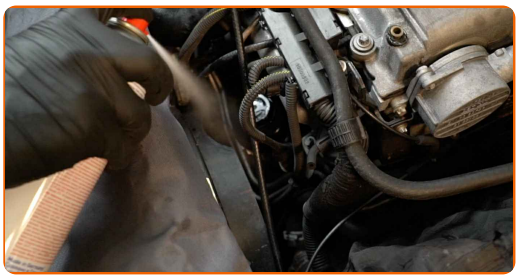
7 Unscrew the drain plug. Use Torx T45. Use a ratchet wrench.

8 Drain the used oil.

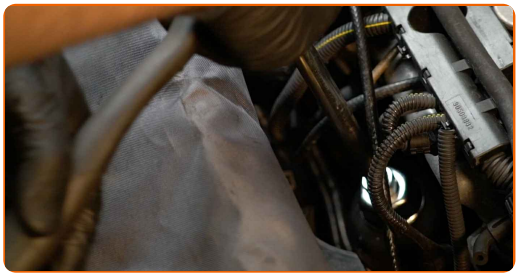
Replacement: engine oil and filter – OPEL Astra G Van (F70). AUTODOC recommends:

- Caution! The oil may be hot.

9 Clean the oil filter housing cap. Use all-purpose cleaning spray.



10 Unscrew the filter housing cap together with the old filter element. Use a drive socket #36. Use a ratchet wrench.



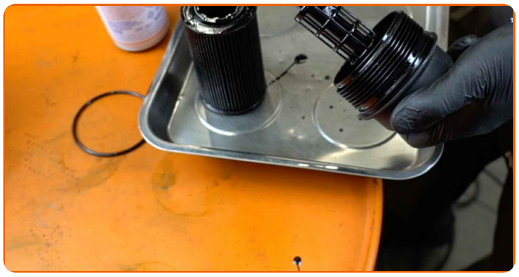
11 Put the old oil filter in the container.

Replacement: engine oil and filter – OPEL Astra G Van (F70). Tip from AUTODOC:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

12 Detach the oil filter from the filter cover.

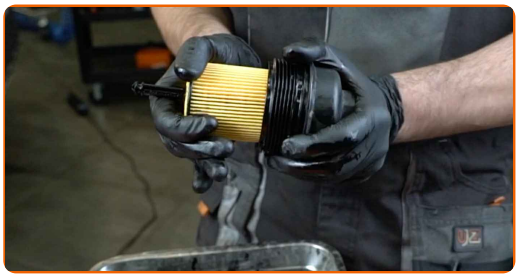
13 Remove the oil filter cover O-ring. Use a flat screwdriver.



14 Clean the oil filter housing cap. Use all-purpose cleaning spray.

15 Remove the oil filter cover O-ring. Use a flat screwdriver.

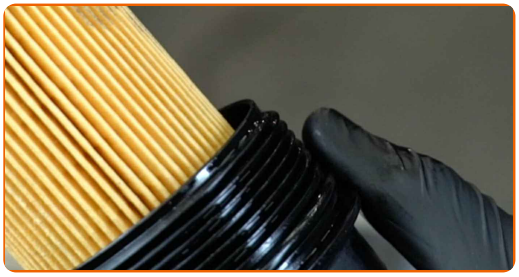
16 Install new O-rings and a new oil filter to their mounting seats on the filter cover.



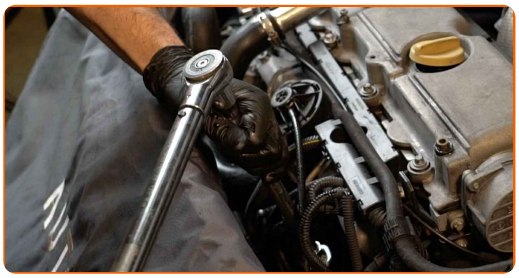
Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.

17 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



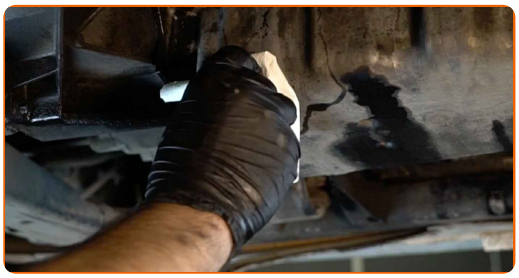
18 Install a new oil filter housing cover and tighten it. Use a drive socket #36. Use a torque wrench. Tighten it to 25 Nm torque.



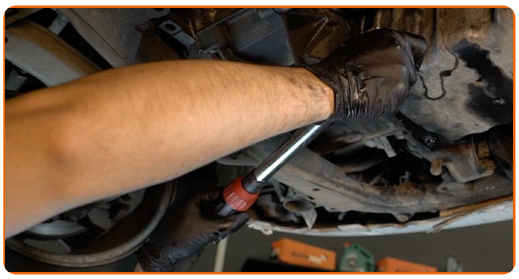
AUTODOC recommends:

- Wait until the oil has completely drained from the drainage hole.

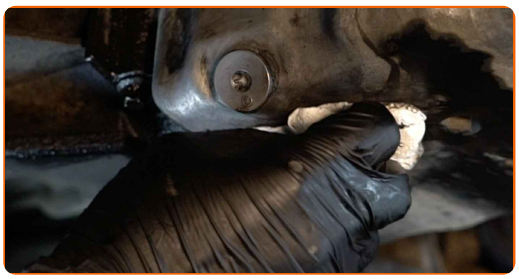
19 Clean the area of the oil pan drainage hole.



20 Screw in the new drainage plug and tighten it. Use Torx T45. Use a torque wrench. Tighten it to 20 Nm torque.

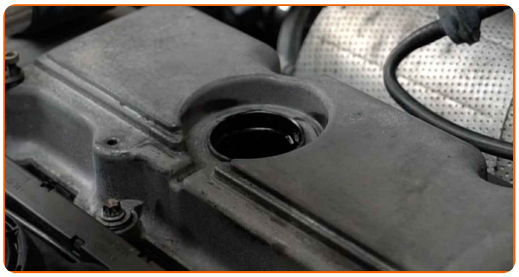


21 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



22 Lower the car.

23 Remove the oil filler cap.



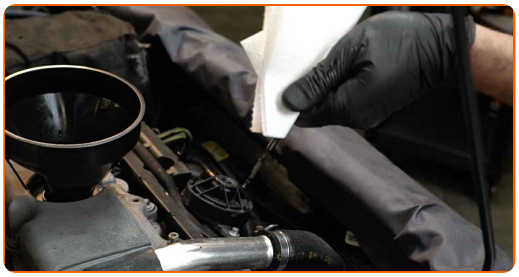
24 Insert the funnel.

25 Pour new oil into the engine in the amount recommended by the car manufacturer.

Replacement: engine oil and filter – OPEL Astra G Van (F70). AUTODOC recommends:

- Use the oil recommended by the manufacturer.

26 Check the oil level using the dipstick. Top up oil if necessary.

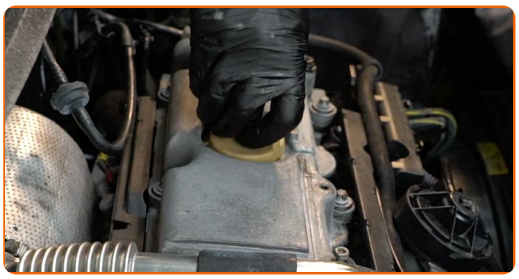


Please note!

- The oil level should be between the Min and Max marks.

27 Install the oil filler cap.

28 Tighten the oil filler cap.



29 Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

30 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.

Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

31 Remove the fender protection cover.

32 Close the hood.

Replacement: engine oil and filter – OPEL Astra G Van (F70). Tip from AUTODOC experts:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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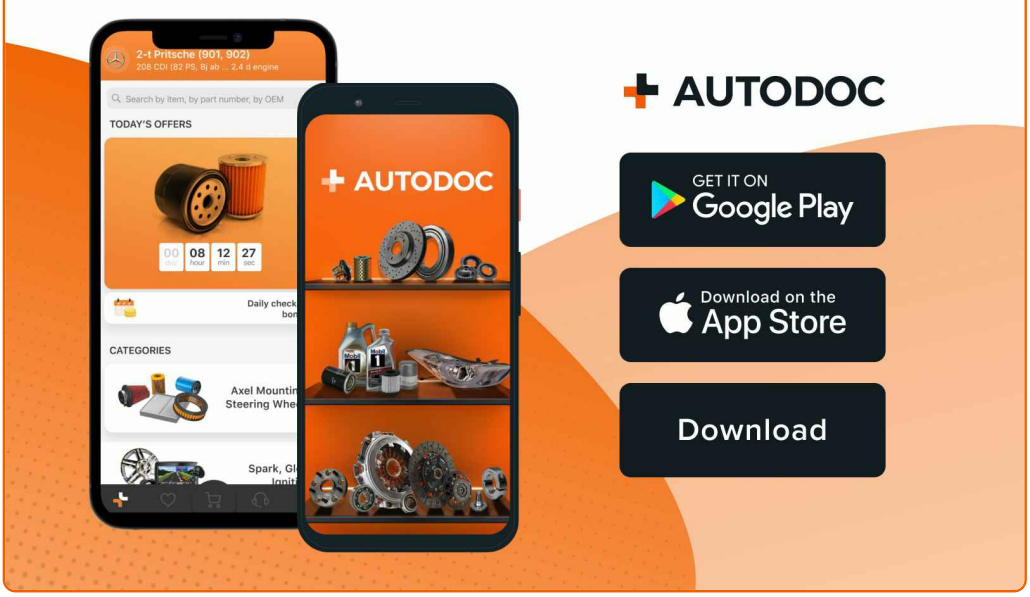

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